

Division of Water Quality
P.O. Box 029
Trenton, NJ 08625-0029
Phone: (609) 633-3823
Fax: (609) 984-7938

Date: January 28, 2010

Re: Draft General Permit Renewal
Category ZG – Residuals Transfer Facility
NJPDES Permit No.: NJ0132519

Dear Interested Party:

Enclosed is a **draft** New Jersey Pollutant Discharge Elimination System (NJPDES) permit action identified above which has been issued in accordance with N.J.A.C. 7:14A. Notice of this draft permit action will appear in the Asbury Park Press, Bridgeton Evening News, Burlington County Times, Courier Post, Home News Tribune, Hunterdon County Democrat, New Jersey Herald, The Press of Atlantic City, The Record, The Star Ledger, Today's Sunbeam, and the Times, and in the February 10, 2010 *DEP Bulletin*. The *DEP Bulletin* is available on the Internet at <http://www.state.nj.us/dep/bulletin>. In accordance with N.J.A.C. 7:14A-15.10(c)1i, the public comment period will close thirty days after its appearance in the newspaper. The procedures for submitting comments on this draft action are detailed in the enclosed public notice.

If you have questions regarding the draft action, please contact Mr. Jim Lunski at (609) 633-3823.

Sincerely,

Original Signed by Mary Jo M. Aiello

Mary Jo M. Aiello, Chief
Bureau of Pretreatment and Residuals

Enclosures

c: Permit Distribution List

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***NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER QUALITY
BUREAU OF PRETREATMENT AND RESIDUALS***

PUBLIC NOTICE

Notice is hereby given that the New Jersey Department of Environmental Protection (Department/NJDEP) proposes to Renew a NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM (NJPDES) Residuals General Permit (NJPDES Permit No. NJ0132519) in accordance with N.J.A.C. 7:14A, and by the authority of the Water Pollution Control Act at N.J.S.A. 58:10A-1 et seq., for the following discharge:

Applicant or Permittee:

NJPDES Master General Permit – Category ZG
Per individual Notice of Authorization

Facility:

NJPDES Master General Permit – Category ZG
Per individual Notice of Authorization

The general permit applies specifically to residuals transfer facilities which will temporarily store liquid sewage sludge (which includes domestic septage) and grease (which meets the definition of a domestic pollutant) prior to transfer to duly permitted or approved residuals management operations (receiving sites) for ultimate management, and will establish minimum conditions for temporarily storing liquid sewage sludge and grease prior to transfer to a receiving site. A residuals transfer facility can be any operation, device or system at which liquid residuals are transferred from collection vehicles to any type of permanent/fixed on-site storage unit (this includes fixed frac tanks) and then to haulage vehicles. A residuals transfer facility is not a facility or operation which conveys liquid residuals directly to a licensed and registered haulage vehicle from a collection vehicle without making use of a permanent/fixed on-site storage unit. This activity is regulated and restricted at N.J.A.C. 7:26. The operator of the residuals transfer facility must properly and accurately quantify and qualify all residuals managed at the transfer facility. The operator of the residuals transfer facility must likewise quantify and disclose all residuals delivered to a receiving site. Failure to do so will subject the permittee to Enforcement action. The general permit, through a notice of authorization, will also restrict the quantity of liquid residuals which can be stored on-site to that quantity approved for each storage unit by the Department through a Treatment

Works Approval. However, to qualify for the general permit, the quantity of on-site storage shall not exceed fifty thousand (50,000) gallons.

In order to qualify for coverage under the general permit, the residuals transfer facility must first apply to the Department and demonstrate that no conditions exist that would necessitate consideration for individual permitting. Application requirements are explained in Part II, Condition B.7 of the general permit. Residuals transfer facilities which would be precluded from eligibility for coverage under the final general permit include, but are not limited to, facilities which have a total on-site storage capacity which exceeds 50,000 gallons, facilities which accept dewatered sewage sludge, facilities which perform any type of treatment (including dewatering, but excluding storage) and/or facilities which store and transfer industrial residuals.

The Department has determined that this activity requires similar operating conditions, the same monitoring, and is more appropriately regulated under a general permit rather than individual permits. This action will provide a streamlined process for approving residuals transfer facilities. This single notice is issued pursuant to N.J.S.A. 58:10A-9.

The general NJPDES permit (Category ZG) will not supercede any existing permits that a residuals transfer facility may currently possess. All residuals transfer facilities with existing individual NJDPES permits (Category Z) that qualify for the general permit are encouraged to apply for and obtain the general permit, but will have the right to retain their individual permit. Those facilities which have existing individual NJPDES permits (Category Z) that apply for and qualify for the general permit will, upon issuance of a notice of authorization to operate under the general permit, have their individual NJPDES permits terminated by the Department without further public notice.

All applicants are required to comply with all other applicable federal, state, and local rules, regulations, and ordinances. This includes the requirement to obtain a Treatment Works Approval as outlined in N.J.A.C. 7:14A-22.3(a)3, and may include such things as the Pinelands Commission's development review approval and a consistency determination with applicable area-wide Water Quality Management Plans. The issuance of the general permit shall not be considered as a waiver of any other requirements.

The draft general permit prepared by the Department is based on the administrative record which is on file at the offices of the Department, located at 401 East State Street, Trenton, Mercer County, New Jersey. It is available for inspection, by appointment only, between 8:00 A.M. and 4:30 P.M., Monday through Friday. Appointments for inspection may be scheduled by calling (609) 633-3823. This draft general permit can also be viewed or downloaded on the Division of Water Quality website at <http://www.state.nj.us/dep/dwq/>.

Comments must be submitted in writing by certified mail (return receipt requested), or by other means which provides verification of the date of delivery to the Department, to Attention: Comments on Public Notice NJ0132519, Bureau of Pretreatment and Residuals, P.O. Box 029, Trenton, NJ 08625 by the close of the public comment period,

which closes thirty calendar days after publication of this notice in the last newspaper. All persons, including the permittee, who believe that any condition of this draft document is inappropriate or that the Department's decision to issue this draft document is inappropriate, must raise all reasonable arguments and factual grounds supporting their position, including all supporting materials, during the public comment period.

Any interested person may request in writing that NJDEP hold a nonadversarial public hearing on the draft permit. This request must state the nature of the significant and relevant issues to be raised in the proposed hearing and why these issues cannot be adequately expressed other than at a public hearing. Such request must be submitted within thirty (30) days of the date of this public notice to the address cited above. A public hearing will be conducted whenever the NJDEP determines that there is a significant degree of public interest in the permit decision. If a public hearing is held, the public comment period in this notice will automatically be extended until fifteen (15) days after the close of the public hearing.

The Department will respond to all significant and timely comments upon issuance of the final permit decision. Each person who has submitted written comments or requested notice will receive notice of the Department's permit decision.

Additional information concerning the conditions of the general permit (NJPDES permit No. NJ0132519) may be obtained between the hours of 8:00 A.M. and 4:30 P.M., Monday through Friday from Mr. Jim Lunski, Bureau of Pretreatment and Residuals, at (609) 633-3823.

New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Pretreatment and Residuals

FACT SHEET

This fact sheet sets forth the principal facts and the significant factual, legal, and policy considerations examined during preparation of the draft permit.

PERMIT ACTION: Residuals General Permit Renewal

1 Name and Address of the Permittee:

GENERAL PERMIT - CATEGORY ZG
PER INDIVIDUAL NOTICE OF AUTHORIZATION

2 Name and Address of the Facility/Site:

NJPDES MASTER GENERAL PERMIT - CATEGORY ZG
PER INDIVIDUAL NOTICE OF AUTHORIZATION

3 Description of the Facilities Covered by this Permit:

This general New Jersey Pollutant Discharge Elimination System (NJPDES) permit renewal is issued in accordance with N.J.A.C. 7:14A, and applies specifically to residuals transfer facilities which will temporarily store liquid sewage sludge (which includes domestic septage) and grease (which meets the definition of a domestic pollutant) prior to transfer to duly permitted or approved residuals management operations for ultimate management (receiving site). This general NJPDES permit will not supercede any existing permits that a residuals transfer facility may currently possess.

The Department has determined that this activity requires similar operating conditions, requires the same monitoring, and is more appropriately regulated under a general permit rather than individual permits. The general permit does not address and is not an approval of any past activity that the residuals transfer facility conducted that has affected or may adversely affect the waters of the State.

Any residuals transfer facility not currently covered by the general permit or whose operations have changed and wish to be covered by the general permit must submit a complete application to the Department. The Department will then make a determination based upon the permit application whether the applicant can be covered by the conditions of the general permit. If the Department determines that a residuals transfer facility qualifies for the general permit, a notice of authorization under the general permit will be issued to the applicant and shall become effective upon receipt as allowed pursuant to N.J.A.C. 7:14A-6.13(d)5iii.

Application forms are available at the following addresses:

Bureau of Pretreatment and Residuals
NJDEP
P.O. Box 029
Trenton, New Jersey 08625

Via the internet at www.state.nj.us/dep/dwq/forms.htm or call (609) 633-3823.

Following is a list of residuals transfer facilities, along with their permit authorization number and the municipality and county where the facility is located, that currently hold a notice of authorization to operate under this general permit:

<u>NJPDES #</u>	<u>Facility Name</u>	<u>Municipality</u>	<u>County</u>
NJG0173606	BOGUSH INC DBA PUBLIC SEWER SERVICE	West Caldwell Twp	Essex
NJG0171034	B HORSTMANN SEPTIC SERVICE LLC	East Hanover Twp	Morris
NJG0163856	ENGLISH SEWAGE DISPOSAL INC	Upper Deerfield Twp	Cumberland
NJG0054585	RUSSELL REID RESIDUALS TS	Glen Gardner Boro	Hunterdon
NJG0101541	CARRIAGE FARM	Hillsborough Twp	Somerset
NJG0141755	LONGSTREET TERMINAL	Monroe Twp	Middlesex
NJG0127884	PARK MANAGEMENT LLC	Old Bridge Twp	Middlesex
NJG0105171	MR JOHN PORTABLE SANITATION UNITS INC	Woodbridge Twp	Middlesex

4 Specific Authorization Criteria:

The Department recognizes that the basic operation at these transfer facilities is similar enough to have similar permit conditions. A residuals transfer facility can be any operation, device or system at which liquid residuals are transferred from collection vehicles to any type of permanent/fixed on-site storage unit (this includes fixed frac tanks) and then to haulage vehicles. It is not the intention of the Department to permit facilities/operations which convey liquid residuals directly to a licensed and registered haulage vehicle from a collection vehicle without making use of a permanent/fixed on-site storage unit. The general permit will establish minimum conditions for temporarily storing liquid sewage sludge (which includes domestic septage) and grease (which meets the definition of a domestic pollutant) prior to transfer to a receiving site. The operator of the residuals transfer facility must properly and accurately quantify and qualify all residuals managed at the transfer facility. The operator of the residuals transfer facility must likewise quantify and disclose all residuals delivered to a receiving site. Failure to do so will subject the permittee to Enforcement action. The general permit, through a letter of authorization, will also restrict the quantity of liquid residuals which can be stored on-site to that quantity approved for each storage unit by the Department through a Treatment Works Approval. However, to qualify for the general permit, the quantity of on-site storage shall not exceed fifty thousand (50,000) gallons.

In order to qualify for coverage under the general permit, the residuals transfer facility must first apply to the Department and demonstrate that no conditions exist that would necessitate consideration for individual permitting. Application requirements are explained in Part II, Condition B.7 of the general permit. Residuals transfer facilities which would be precluded from eligibility for coverage under the final general permit include, but are not limited to, facilities which have a total on-site storage capacity which exceeds 50,000 gallons, facilities which accept dewatered sewage sludge, facilities which perform any type of treatment (including dewatering, but excluding storage) and/or facilities which store and transfer industrial residuals.

5 Summary of Permit Conditions:

Permit conditions are listed in the attached documents.

The Department proposes the following changes from the previous NJPDES permit:

- 1) The term “Receiving Site” has been added to the definitions section of Part IV (page 1 of 4), and has been incorporated throughout the NJPDES permit. “Receiving Site” means a duly permitted or approved residuals management operation used for the ultimate management of residuals.
- 2) A new condition has been added to Part IV, C.2.c. (page 2 of 4) which requires that the permittee properly and accurately quantify all residuals being delivered to a receiving site, and that the permittee must disclose to the receiving site the source of all loads and identify each load as either liquid sewage sludge, septage, grease, or a combination thereof. This condition makes it clear that the permittee is fully responsible for identifying the nature of each load delivered to a receiving site.
- 3) A new condition has been added to Part IV, C.2.d. (page 2 of 4) which requires that the permittee comply with the requirements of the receiving site(s). This condition supports the receiving site’s need to protect itself from discharges that may negatively impact its treatment system.
- 4) The frequency of reporting the Residuals Transfer Report (RTR) has been increased to monthly from annual. This condition reflects the Department’s experience that data submitted on annual RTR’s over the past 5 year permit term poorly reflects the activities that occur at each transfer station in a given year. As required by Part IV, A.1.a.i. (page 2 of 4), and the instructions for Form RMS-19, permittees must already maintain a daily record of the source, type, quantity, and receiving site for each residual received, temporarily stored, and transferred. The increased reporting of this information to the Department will not require any additional recordkeeping by the permittee.

The Department has attached to the back of this NJPDES Permit an excerpt of the Department’s NJPDES Monitoring Report Form Reference Manual explaining how to complete the Residuals Transfer Report (RTR). The complete NJPDES Monitoring Report Form Reference Manual can be found at <http://www.state.nj.us/dep/dwq/mrf.htm>.

6 Name, Bureau, and Phone Number of Contact Person:

Jim Lunski, Bureau of Pretreatment and Residuals, (609) 633-3823

7 Basis for Permit Conditions:

The documents listed below were instrumental in the NJDEP's review and the development of the permit conditions and monitoring requirements for Part III and IV:

1. New Jersey "Water Pollution Control Act" and amendments - N.J.S.A. 58:10A-1 et seq.
2. New Jersey "Solid Waste Management Act" and amendments - N.J.S.A. 13:1E-1 et seq.
3. United States Environmental Protection Agency "Standards for the use or disposal of sewage sludge" (40 CFR Part 503).
4. "New Jersey Pollutant Discharge Elimination System" (N.J.A.C. 7:14A).
5. Technical Manual for Residuals Management, May 1998.
6. USEPA Part 503 Implementation Guidance, EPA 833-R-95-001, October 1995. This document is a compilation of federal requirements, management practices and EPA recommended permit conditions for sewage sludge use and management practices.
7. USEPA A Plain English Guide to the EPA Part 503 Biosolids Rule, EPA/832/R-93/003, September 1994.
8. New Jersey "Statewide Sludge Management Plan", January 2006.
9. New Jersey "Sludge Quality Assurance Regulations" (SQAR), N.J.A.C. 7:14C.
10. Technical Support Document for Land Application of Sewage Sludge, Volumes I and II, EPA 822/R-93-001a and 001b, November 1992.
11. USEPA Process Design Manual Land Application of Sewage Sludge and Domestic Septage, EPA/625/R-95/001, September 1995. This manual summarizes nationwide information concerning land application of sludges.
12. USEPA Environmental Regulations and Technology: Control of Pathogens and Vector Attraction in Sewage Sludge, EPA/625/R-92/013, revised October 1999.
13. USEPA Guide to the Biosolids Risk Assessments for the EPA Part 503 Rule, EPA-832-B-93-005, September 1995.
14. Final General NJPDES Permit No. NJ0132519 to operate a residuals transfer facility issued on September 30, 2004 and compliance monitoring reports submitted under that general permit.



NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM

The New Jersey Department of Environmental Protection hereby grants you a NJPDES permit for the facility/activity named in this document. This permit is the regulatory mechanism used by the Department to help ensure your discharge will not harm the environment. By complying with the terms and conditions specified, you are assuming an important role in protecting New Jersey's valuable water resources. Your acceptance of this permit is an agreement to conform with all of its provisions when constructing, installing, modifying, or operating any facility for the collection, treatment, or discharge of pollutants to waters of the state. If you have any questions about this document, please feel free to contact the Department representative listed in the permit cover letter. Your cooperation in helping us protect and safeguard our state's environment is appreciated.

Permit Number: NJ0132519

DRAFT: Residual Master General Permit Renewal

Permittee:

GENERAL PERMIT - CATEGORY ZG
PER INDIVIDUAL NOTICE OF
AUTHORIZATION

Co-Permittee:

Property Owner:

NJDEP - DIVISION OF WATER QUALITY
401 E STATE ST
TRENTON, NJ 08625

Location Of Activity:

GENERAL PERMIT - CATEGORY ZG
PER INDIVIDUAL NOTICE OF
AUTHORIZATION

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
ZG - Residuals Transfer Facility (GP)			

By Authority of:
Commissioner's Office

DEP AUTHORIZATION
Mary Jo M. Aiello, Chief
Bureau of Pretreatment and Residuals
Division of Water Quality

(Terms, conditions and provisions attached hereto)

PART I GENERAL REQUIREMENTS: NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference

- a. The permittee shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e. following, which are in effect as of the effective date of the final permit.
- b. General Conditions
 - Penalties for Violations N.J.A.C. 7:14-8.1 et seq.
 - Incorporation by Reference N.J.A.C. 7:14A-2.3
 - Toxic Pollutants N.J.A.C. 7:14A-6.2(a)4i
 - Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4
 - Duty to Mitigate N.J.A.C. 7:14A-6.2(a)5 & 11
 - Inspection and Entry N.J.A.C. 7:14A-2.11(e)
 - Enforcement Action N.J.A.C. 7:14A-2.9
 - Duty to Reapply N.J.A.C. 7:14A-4.2(e)3
 - Signatory Requirements for Applications and Reports N.J.A.C. 7:14A-4.9
 - Effect of Permit/Other Laws N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)
 - Severability N.J.A.C. 7:14A-2.2
 - Administrative Continuation of Permits N.J.A.C. 7:14A-2.8
 - Permit Actions N.J.A.C. 7:14A-2.7(c)
 - Reopener Clause N.J.A.C. 7:14A-6.2(a)10
 - Permit Duration and Renewal N.J.A.C. 7:14A-2.7(a) & (b)
 - Consolidation of Permit Process N.J.A.C. 7:14A-15.5
 - Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)
 - Fee Schedule N.J.A.C. 7:14A-3.1
 - Treatment Works Approval N.J.A.C. 7:14A-22 & 23
- c. Operation And Maintenance
 - Need to Halt or Reduce not a Defense N.J.A.C. 7:14A-2.9(b)
 - Proper Operation and Maintenance N.J.A.C. 7:14A-6.12
- d. Monitoring And Records
 - Monitoring N.J.A.C. 7:14A-6.5
 - Recordkeeping N.J.A.C. 7:14A-6.6
 - Signatory Requirements for Monitoring Reports N.J.A.C. 7:14A-6.9
- e. Reporting Requirements
 - Planned Changes N.J.A.C. 7:14A-6.7
 - Reporting of Monitoring Results N.J.A.C. 7:14A-6.8
 - Noncompliance Reporting
 - N.J.A.C. 7:14A-6.10 & 6.8(h)
 - Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10(c) & (d)
 - Written Reporting N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h)
 - Duty to Provide Information N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
 - Schedules of Compliance N.J.A.C. 7:14A-6.4
 - Transfer N.J.A.C. 7:14A-6.2(a)8 & 16.2

PART II

GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

A. Additional Requirements Incorporated By Reference

1. Residuals Management

- a. The permittee shall comply with land-based sludge management criteria and shall conform with the requirements for the management of residuals and grit and screenings under N.J.A.C. 7:14A-6.15(a), which includes:
 - i. Standards for the Use or Disposal of Residual, N.J.A.C. 7:14A-20;
 - ii. Section 405 of the Federal Act governing the disposal of sludge from treatment works treating domestic sewage;
 - iii. The Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., and the Solid Waste Management Rules, N.J.A.C. 7:26;
 - iv. The Sludge Quality Assurance Regulations, N.J.A.C. 7:14C;
 - v. The Statewide Sludge Management Plan promulgated pursuant to the Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq., and the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.; and
 - vi. The provisions concerning disposal of sewage sludge and septage in sanitary landfills set forth at N.J.S.A. 13:1E-42 and the Statewide Sludge Management Plan.
 - vii. Residual that is disposed in a municipal solid waste landfill unit shall meet the requirements in 40 CFR Part 258 and/or N.J.A.C. 7:26 concerning the quality of residual disposed in a municipal solid waste landfill unit. (That is, passes the Toxicity Characteristic Leaching Procedure and does not contain "free liquids" as defined at N.J.A.C. 7:14A-1.2.)

B. General Conditions

1. Notification of Changes

- a. All permittees shall give written notice to the Department of any planned physical alterations or additions to the permitted facility when the alteration or addition is expected to result in a significant change in the operation of the residuals transfer facility.

2. Permit Conditions Relating to Residuals Management

- a. If any applicable standard for residual use or disposal is promulgated under section 405(d) of the Federal Act and Sections 4 and 6 of the State Act and that standard is more stringent than any limitation on the pollutant or practice in the permit, the Department may modify or revoke and reissue the permit to conform to the standard for residual use or disposal.
- b. The permittee shall comply with the appropriate adopted District Solid Waste or Sludge Management Plan (which by definition in N.J.A.C. 7:14A-1.2 includes Generator Sludge Management Plans), unless otherwise specifically exempted by the Department.

3. Additional General Requirements

- a. This general permit may be issued, modified, revoked and reissued, or terminated in accordance with applicable requirements of N.J.A.C. 7:14A-15, 16 and 17.
- b. If a permittee authorized by this general permit discontinues the permitted activity, even if the permit is expiring, the permittee must request termination, stating the reason for the request.
- c. This general permit, allowing the permittee to temporarily store liquid sewage sludge (which includes domestic septage) and grease (which meets the definition of a domestic pollutant) prior to transfer to duly permitted and/or approved residuals management operations for ultimate management shall in no way waive the Department's authority to regulate or permit other operations or discharges for which the permittee is responsible.
- d. In addition to the aforementioned conditions, applicable conditions in N.J.A.C. 7:14A-6.2 shall also apply to this general NJPDES permit.

4. Requirements to Obtain an Individual Permit

- a. The Department may require any person authorized by this general New Jersey Pollutant Discharge Elimination System (NJPDES) permit to apply for and obtain an individual NJPDES permit. Cases in which an individual NJPDES permit may be required include the following:
 - i. The quantity and/or quality of the liquid sewage sludge (which includes domestic septage) and grease (which meets the definition of a domestic pollutant) changes such that site specific requirements are necessary;
 - ii. The permittee is not in compliance with the conditions of the general NJPDES permit;
 - iii. A change has occurred such that the residuals transfer facility does not utilize the same or substantially similar types of operating procedures; or
 - iv. A change has occurred such that the residuals transfer facility does not require the same or similar monitoring.
- b. The Department reserves the right to impose full NJPDES regulatory requirements in cases of violations of the conditions of this general permit.
- c. The Department may require any owner, operator and/or discharger authorized by this general NJPDES permit to apply for an individual NJPDES permit as provided above, only if the owner, operator, or discharger has been notified in writing that a permit application is required. This notice shall include a statement establishing a deadline by which the owner, operator, and/or discharger is to file the application, and a statement that on the effective date of the individual NJPDES permit the general NJPDES permit as it applies to the individual permittee shall be revoked.

5. Prohibitions under the General Permit

- a. Under the following circumstances, the general permit shall not be applicable, and a residuals transfer facility must obtain an individual NJPDES permit:
 - i. Where a residuals transfer facility has a total on-site storage capacity which exceeds fifty-thousand (50,000) gallons;
 - ii. Where a residuals transfer facility accepts dewatered sewage sludge;
 - iii. Where a residuals transfer facility performs any type of treatment (including dewatering, but excluding storage); and

- iv. Where a residuals transfer facility transfers and/or stores industrial residuals.

6. Exclusions

- a. Any owner, operator, and/or discharger authorized by this general permit may request to be excluded from the coverage of the general NJPDES permit by applying for an individual permit. The owner, operator, and/or discharger shall submit an application in accordance with N.J.A.C. 7:14A, with reasons supporting the request, to the NJDEP. The request shall be processed under N.J.A.C. 7:14A-15, 16 and 17. The request shall be granted by the issuance of an individual permit if the reasons cited by the owner, operator and/or discharger are adequate to support the request.
- b. An owner, operator, and/or discharger excluded from this general NJPDES permit solely because of an existing individual permit, may request that the individual permit be terminated, and that the subject discharge be covered by the general NJPDES permit. Upon termination of the individual permit, the general NJPDES permit shall apply to the discharge.

7. Administrative Requirements

- a. A request for authorization under this general permit shall include the following: A completed NJPDES 1 Form, a completed Form R, submit copies of any Treatment Works Approval(s) required by NJPDES or proof of application for Treatment Works Approval(s) or a determination that no Treatment Works Approval is required, and proof via copies of certified mail return receipts or other means of verification that the local municipality and affected sewerage authority were notified, in accordance with N.J.A.C. 7:14A-4.3(a)13, of the request. This request shall be submitted for new authorizations under the general permit and is not required for renewal of existing authorizations.
- b. Authorizations under this general permit shall become effective upon the persons receipt of notification of authorization by the Department as allowed pursuant to N.J.A.C. 7:14A-6.13(d)5.iii.
- c. Upon reissuance of this general permit, authorizations shall be automatically renewed as allowed pursuant to N.J.A.C. 7:14A-6.13(d)9.

PART III
LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION:
ZG01 Holding Tanks

DISCHARGE CATEGORY(IES):
ZG - Residuals Transfer Facilities (GP)

Location Description

The quantity of all material (liquid sewage sludge and grease) transferred through on-site holding tanks shall be reported on the Residuals Transfer Report (RTR).

Contributing Waste Types

Dom Residual-Other

Residuals Transfer Reporting Requirements:

Submit a Monthly RTR: due 60 calendar days after the end of each calendar month.

PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Notes and Definitions

A. Definitions

1. Definitions

- a. Unless otherwise specified below, all words and terms, as used in this permit, shall be as defined in "The New Jersey Pollutant Discharge Elimination System" at N.J.A.C. 7:14A.
- b. "Domestic Pollutant" means a pollutant which results from the discharge of household, commercial, or other wastes from bathrooms, toilet facilities, home laundries and kitchens which are predominantly the result of natural human waste elimination associated with bodily function and food preparation.
- c. "Receiving Site" means a duly permitted or approved residuals management operation used for the ultimate management of residuals.
- d. "Residuals" means liquid sewage sludge (which includes domestic septage) and grease (which meets the definition of a domestic pollutant).
- e. "Residuals Transfer Facility" means any operation, device or system at which residuals are transferred from collection vehicles to a permanent/fixed on-site storage unit and then to haulage vehicles for transportation to a duly permitted or approved residuals management operation(s).
- f. "Storage" means the holding of residuals for temporary periods of time in approved storage areas, constructed to meet specifications approved by the New Jersey Department of Environmental Protection (Department).

Residuals Transfer Facilities (GP)

A. Recordkeeping

1. Residuals Information

- a. The permittee shall develop the following information and retain the information for five years:
 - i. A record of the source, type (ie. liquid sewage sludge, domestic septage, grease, or a combination thereof), quantity, and the receiving site for each residual received, temporarily stored, and transferred. Records shall be kept on Department provided Form RMS-19 or equivalent form as approved by the Department.
 - ii. A record of monthly visual inspections of all on-site residuals storage tanks/containment structures.

B. Reporting

1. Frequency

- a. The frequency of reporting to the Department of the records kept under Part III shall be as specifically stated therein.

2. Additional Reporting Requirements

- a. The permittee shall report monitoring results on the Residuals Transfer Report (RTR), or other monitoring report forms where forms are specified, and all applicable information required on the forms shall be entered in the manner specified therein. Equivalent report forms may be submitted with prior written Department approval. Any information not in compliance with this condition shall not be deemed to fulfill the reporting requirements of this permit.

C. Operation and Management

1. Acceptance of Residuals

- a. This facility shall only be utilized for the temporary storage and transfer of liquid sewage sludge (which includes domestic septage) and grease (which meets the definition of a domestic pollutant).

2. Residuals Transfer for Ultimate Management

- a. All residuals temporarily stored and transferred at this facility shall be managed at a receiving site.
- b. All transportation vehicles utilized to transport residuals to and from this facility shall be appropriately licensed, registered, and operated in accordance with all applicable state and/or federal statutes and regulations.
- c. The permittee must properly and accurately quantify all residuals being delivered to a receiving site, and must disclose to the receiving site the source of all loads and identify each load as either liquid sewage sludge, septage, grease, or a combination thereof.
- d. The permittee must comply with the requirements of the receiving site.

3. Operational Conditions

- a. All connections, valves, and seals associated with transfer activities between residuals storage tanks and transportation vehicles shall be secured prior to any transfers to prevent spillage.
- b. All wash-down waters associated with the facility shall be adequately collected and managed in a legally permitted manner.

- c. Road surfaces, truck tires, and all other areas of the facility shall be cleaned as needed to prevent malodors and tracking of residuals off-site.
- d. Transfer facility activities shall be monitored at all times by a qualified employee of the permittee and/or by the permittee.
- e. The permittee must employ all practices necessary during receipt, storage and subsequent delivery of residuals to minimize off-site odor and nuisance conditions.
- f. An adequate supply of lime shall be kept at the transfer facility to control malodors in situations where residuals are accidentally leaked or spilled.
- g. Access to this transfer facility by unauthorized personnel shall be controlled at all times by security and/or fencing.
- h. For new construction, expansion, or major repair of regulated units subject to N.J.A.C. 7:14A-22 and 23, the permittee shall obtain a Treatment Works Approval (TWA) to design, construct, and operate a unit capable of meeting any limits set forth in this permit.

4. Residuals Storage

- a. The permittee shall perform monthly visual inspections of all visible portions of each on-site residuals storage tank/containment structure to ensure the storage tank/containment structure has remained structurally sound, and to detect deterioration in banks, dikes, walls, joints, seals, or other containment devices. Malfunctions or failures observed or suspected shall be reported immediately to the NJDEP by telephone at 1-877-927-6337. The permittee shall maintain a complete inspection record indicating dates of inspection, inspector's name, and conditions observed. These records shall be available to the NJDEP at any time upon request.
- b. The residuals storage tank(s) shall be operated and maintained to prevent overtopping resulting from normal or abnormal operations, overfilling, malfunctions of equipment, and human error. Residuals storage on site shall only occur in areas specifically approved by the Department for such activity.
- c. The residuals storage tank(s) shall be equipped at all times with a working high level indicator and alarm to prevent overfilling.
- d. Residuals shall be stored in such a manner to prevent the discharge of residuals out of the storage tank(s) to the soil, subsoil, groundwater or surface water.

5. Removal of Storage Tanks from Service and Response

- a. A residuals storage tank or structure shall immediately be removed from service when a leak is discovered, when inspection identifies that it is structurally unsound and/or detects deterioration in walls, joints, or seals, or when the level of a tank's contents suddenly drops and the drop is not known to be caused by changes in the flows into or out of the residuals storage tank or structure.
- b. Should a residuals storage tank have to be removed from service pursuant to Condition C.5.a. of this part, the permittee shall:
 - i. Shut-off the flow or stop the addition of residuals into the storage tank;
 - ii. Contain and/or collect any surface leakage that has occurred or is occurring;
 - iii. Stop the leak;
 - iv. Take any and all necessary steps to stop or prevent a catastrophic failure; and

- v. Notify the NJDEP by telephone at 1-877-927-6337 immediately after detecting the problem, and in writing within seven (7) days after detecting the problem.
- c. If a leak detected in a residuals storage tank can not be stopped by any means within 24 hours after detection, material stored in the residuals storage tank shall be removed to a receiving site, or removed to an alternate storage structure on-site that is not leaking, structurally deficient or deteriorating.
- d. A residuals storage tank that is removed from service pursuant to this section shall not be restored to service unless the portion of the residuals storage tank that was failing is repaired.
- e. If a residuals storage tank is removed from service pursuant to this section because of actual or imminent wall failure, said residuals storage tank shall not be restored to service until the structural integrity is certified by a New Jersey Licensed Professional Engineer.

6. Contingency Plan

- a. If during any period of time the permittee collects residuals in excess of that which can be stored at the permitted facility according to the conditions of this permit, or experiences failure in the transfer equipment or tank(s), residuals shall be hauled directly to a receiving site.

7. Property Owner's Certification

- a. Residuals shall only be stored and transferred in the approved areas which are directly and solely owned by the signatories of the Property Owner's Certification in the NJPDES-1 Form which was submitted as part of the application for this permit.

8. Applicability

- a. This NJPDES permit allowing the permittee to store and transfer residuals to receiving sites shall in no way waive the NJDEP's authority to regulate or permit other operations or discharges for which the permittee is responsible.

9. Closure Conditions

- a. The closure procedures outlined in N.J.A.C. 7:14A-23.34 must be fulfilled following the closure of a facility/operation or pieces of equipment, or the expiration or termination of this permit as related to residuals storage and transfer.

NJPDES MASTER GENERAL PERMIT PROGRAM INTEREST, Trenton

Permit No.NJ0132519
RES090001 Residual Master General Permit Renewal

INSTRUCTIONS FOR COMPLETION OF FORM RMS-19
"STORAGE INSTALLATION MANIFEST SHEET"

Use these instructions for completing Form RMS-19, "STORAGE INSTALLATION MANIFEST SHEET". It is required that the permittee keep an accurate record of the amount of each residual which is delivered to and removed from each storage installation. Use the STORAGE INSTALLATION MANIFEST SHEET to record and report these actions. Use a separate sheet for each storage installation.

IDENTIFICATION:

- * Enter the name of the STORAGE INSTALLATION
- * Enter the name and NJPDES number of your operation.
- * Enter the monitoring period which this report summarizes.

If more than one STORAGE INSTALLATION MANIFEST SHEET is required to report all deliveries or removals from a given storage installation for a given monitoring period, then the storage installation name, operation, NJPDES number, and Month/Year blanks should be entered on each sheet, and shall be clearly labeled as an addendum to the first. NOTE: It is required that the quantity of material received from each NJPDES permitted source be individually tracked and reported separately, as its own action, on this form. All other sources of material (i.e. individual home septic systems and sources of grease) received may be totaled daily and reported on this form as one action.

MANIFEST INFORMATION

- Column A: Enter DATE of removal/delivery of residual to/from this storage installation.
- Column B: Enter the PREVIOUS BALANCE of the amount of residuals in this storage installation before the removal/delivery took place.
- Column C: Enter the AMOUNT of residuals ADDED OR REMOVED from this storage installation. Addition of material is indicated with a "+", and removal is indicated with a "-".
- Column D: Enter the SOURCE of the residuals, if the action reported is a delivery ("+"). Enter the DESTINATION of the residuals if the action reported is a removal ("-"). When material, which comes from a NJPDES permitted site, is added, or when material is removed for ultimate management, the name and NJPDES number of the site should be entered here.
- Column E: Enter the BALANCE of material remaining in the storage installation after the action is completed. This value should equal the PREVIOUS BALANCE plus the addition or minus the removal of residuals reported on any given line.

IDENTIFICATION

STORAGE INSTALLATION: _____

OPERATION: _____ NJPDES #: _____ MONTH/YEAR _____

The permittee shall complete the information required below for each Treatment Works Approved (TWA) residual storage installation associated with your operation. This form should be completed and then kept on file.

	(A) DATE OF ACTION	(B) PREVIOUS BALANCE (Gallons or Yds ³)	(C) AMOUNT ADDED (+) OR REMOVED (-)	(D) RESIDUAL SOURCE OR DESTINATION (Include NJPDES Permit No. if applicable)	(E) BALANCE
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____
11.	_____	_____	_____	_____	_____
12.	_____	_____	_____	_____	_____
13.	_____	_____	_____	_____	_____
14.	_____	_____	_____	_____	_____
15.	_____	_____	_____	_____	_____
16.	_____	_____	_____	_____	_____
17.	_____	_____	_____	_____	_____
18.	_____	_____	_____	_____	_____
19.	_____	_____	_____	_____	_____
20.	_____	_____	_____	_____	_____
21.	_____	_____	_____	_____	_____
22.	_____	_____	_____	_____	_____
23.	_____	_____	_____	_____	_____
24.	_____	_____	_____	_____	_____
25.	_____	_____	_____	_____	_____

Residuals Transfer Report

Sample
Report

PERMIT NUMBER: NJ0132519 MONITORED LOCATION: ZG01 Holding Tanks MON. PERIOD / PHASE: January / Final FACILITY NAME: NJPDES MASTER GENERAL PERMIT PROGRAM INT

#	SENT TO	REC'D FROM	FACILITY ID NUMBER	AMOUNT TRANSFERRED		MONITORED LOCATION
				QUANTITY	UNITS	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						

Comments: For transfers through this tank: all septage must be entered on one line as "SEPTAGE"; all grease on one line as "GREASE"; and sewage sludge on one line by the source's PI #. See <http://www.state.nj.us/dep/dwq/mrf.htm> for directions to complete the RTR. Questions and PI #'s can be obtained by contacting BPR at (609) 633-3823.



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Division of Water Quality

NJPDES
Monitoring Report Form
Reference Manual

be reported as the maximum and the monthly average. If the permittee performs more analyses than required, and some of those values are not detected, not detected values must be assumed present at the minimum detection limit when calculating a monthly average for **sludge** monitoring purposes.

- e) For domestic treatment works doing quarterly DMRs, report quarterly DMRs pursuant to SQAR based on calendar quarters.

If you have any questions on the sludge reporting forms, please do not hesitate to contact your case manager in the Bureau of Pretreatment and Residuals at (609) 633-3823.

C. Residual Transfer Reports

The Residual Transfer Report (RTR) is required to be completed by a NJPDES permittee to track the inter and/or intra-facility movement of sludge volumes for a transfer station, land application operation, or another treatment works which receives sludge from off-site sources. The RTR is also required by the Sludge Quality Assurance Regulations (SQAR) to be submitted by all sludge generators. Specifically, N.J.A.C. 7:14C-1.8(b) for domestic treatment works and N.J.A.C. 7:14C-1.9(b) for industrial treatment works, require the following information to be reported on the RTR:

1. The quantity of sludge removed to each ultimate sludge management alternative on a wet basis in gallons, wet cubic yards, and/or wet metric tons for the reporting period.
2. The Program Interest (PI) number under NJDEP's New Jersey Environmental Management System (NJEMS) for each ultimate sludge management alternative. **PI numbers may be found online (see below) or by phoning the Bureau of Pretreatment and Residuals at 609-633-3823.**
 - a) If an ultimate sludge management alternative is located in New Jersey but has not been assigned a NJEMS PI number, the treatment works shall include on the RTR form the name of the ultimate sludge management alternative, and the applicable New Jersey Pollutant Discharge Elimination System (NJPDES), Air Pollution Control, or Solid Waste permit number.
 - b) If an ultimate sludge management alternative is not located in New Jersey and has not been assigned a NJEMS PI number, the treatment works shall include on the RTR form the name and location of the out-of-state sludge management alternative, and the full address and telephone number of the appropriate permitting authority.

As with the DMR and WCR, if no sludge is removed or received for the monitoring period, check "No Discharge this Monitoring Period" on the MRSF and return the signed MRSF, the remainder of the form is not required. Additional instructions on how to complete specific fields are found below.

Sent to:

For the applicable entry on the RTR, put an “x” in the box under this heading if the entry denotes sludge sent to a use or disposal operation. This heading is also used to denote intra-facility transfers such as from a storage tank to a land application field.

Rec’d from (“Received from”):

For the applicable entry on the RTR, put an “x” in the box under this heading if the entry denotes sludge received from another generator for treatment or processing. This heading is also used to denote intra-facility transfers. Total quantities received from each off-site source in a monitoring period must be reported. Domestic septage may be totaled as one line item.

Facility ID Number

This column is for the program interest (PI) number which identifies each permitted facility in NJDEP’s NJEMS database. This number has also been referred to by NJDEP as the NJEMS facility identification number. Enter the NJEMS PI number for the use or disposal site, or the NJEMS PI number for the treatment works of the sludge received. When an NJEMS PI number is not available, follow the procedures outlined in number 2a. or 2b. above.

A report including the NJEMS PI numbers for all active NJPDES permits is available for download at the DEP Data Miner web site. See the web site address below. Click on NJPDES Active Permit List to access the report. This report includes the NJPDES Permit number and PI number along with other pertinent permit information.

http://datamine.state.nj.us/DEP_OPRA/OpraMain/categories?category=NJPDES%20Permitting

Amount Transferred

For the reporting period, indicate the total quantity of sludge removed for use or disposal separately for each ultimate management site, and/or the total quantity received for the monitoring period from each off-site source. Provide the appropriate **wet units** for the quantity reported (e.g., gallons per month or year, wet cubic yards per month or year, wet metric tons per month or year). Separately report each type of sludge that is removed, transferred, or received.

Note: Both inter-facility and intra-facility transfers must be reported.

Monitored Location

This field is for intra-facility transfers only, such as from a storage tank to a land application field. Enter the 4 digit designator and description (e.g., D001 Field 1), as noted below.

1. An **“Inter” facility transfer** means a transfer of sludge between two monitored locations at different NJEMS Program Interest numbers (e.g., from a customer sewage treatment plant to another receiving treatment works). The Monitored Location column of the Residuals Transfer Report is left blank for these types of transfers.
2. An **“Intra” facility transfer** means a transfer of sludge between two monitored locations at the same NJEMS Program Interest number (e.g., from a farm’s storage tank to their land application field; from a plant’s belt press to their incinerator). Enter the 4 digit designator and description (e.g., D001 - Storage Tank 1 or D003 - Field 1; SL4A - Belt Press or INC1 - Feed Sludge) in the Monitored Location column of the Residuals Transfer Report. For example, if you are reporting a transfer from the “SL4A-Belt Filter Press” Monitored Location to the “INC1-Incinerator” Monitored Location, for the SL4A Residuals Transfer Report, check the “Sent to” box, indicate the quantity transferred, and indicate “INC1” in the Monitoring Location column. For the INC1 Residuals Transfer Report, check the “Received from” box, indicate the same quantity transferred, and indicate “SL4A” in the Monitored Location column.

D. Waste Characterization Report (WCR)

The Waste Characterization Report (WCR) form is used to record data for *most* “monitor and report only” parameters for surface water dischargers, ground water discharges and residual dischargers. However, they can also be used for compliance reporting of ground water monitoring well data. Sludge reporters should also refer to the section below labeled “WCR Instructions for Sludge Reporters” for additional information. Multiple WCR forms may be required based upon varying monitoring frequency.

The WCR monitoring frequency specified in the permit is the minimum required frequency of analysis.

If additional sampling or monitoring is conducted during the monitoring period, the permittee should hold all the sampling results until the end of the WCR monitoring period. The permittee should note the increased sampling by checking the box “Monitoring Report Comments Attached” on the MRSF, attach a sheet containing comments (e.g., sample dates and parameters sampled on each date), and include the results of all samples in the applicable calculations and data submitted on the report form.

In the event the permittee has sampled the minimum requirements, reported the results on the WCR before the end of the monitoring period, and has sampled again, then the permittee must submit a corrected WCR.

In all cases of increased or decreased sampling, the permittee should check the box “Monitoring Report Comments Attached” on the MRSF, attach a sheet containing comments (e.g., sample dates and parameters sampled on each date) and include the results of all samples in the applicable calculations and data submitted on the report form as appropriate.